

WEST Search History for Application 10542869

Creation Date: 2009061516:54

Query	DB	Op.	Plur.	Thes.	Date
((noise and 6483532.pn. and noise and ((detect\$5) near3 (speech or voice)) or (20030018475.pn.) or (10/542869) and feature) and background) AND @pd>20081219	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-19-2008
((noise and 6483532.pn. and noise and ((detect\$5) near3 (speech or voice)) or (20030018475.pn.) or (10/542869) and feature) and background)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-19-2008
(switch\$4) and (((noise and 6483532.pn. and noise and ((detect\$5) near3 (speech or voice)) or (20030018475.pn.) or (10/542869) and feature) and background))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-19-2008
(threshold) and ((switch\$4) and ((noise and 6483532.pn. and noise and ((detect\$5) near3 (speech or voice)) or (20030018475.pn.) or (10/542869) and feature) and background))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-19-2008
(6510224.pn.) and (threshold)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-19-2008
(dtx) and (switch\$5 same threshold)	PGPB, USPT, USOC, EPAB, JPAB,	ADJ	YES		12-19-2008

	DWPI, TDBD			
((speech or voice) near2 (activity)) and ((dtx) and (switch\$5 same threshold))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	12-19-2008
((((speech or voice) near2 (activity)) and (dtx) and (switch\$5 same threshold)) and (noise))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	12-19-2008
((((speech or voice) near2 (activity)) and (dtx) and (switch\$5 same threshold)) and (noise)) and (video or visual)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	12-19-2008
((((noise and 6483532.pn. and noise and ((detect\$5) near3 (speech or voice)) or (20030018475.pn.) or (10/542869) and feature) and background)) or (20050027520.pn.)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	12-19-2008
(event) and (((noise and 6483532.pn. and noise and ((detect\$5) near3 (speech or voice)) or (20030018475.pn.) or (10/542869) and feature) and background)) or (20050027520.pn.))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	12-19-2008
(microphone) and (((noise and 6483532.pn. and noise and ((detect\$5) near3 (speech or voice)) or (20030018475.pn.) or (10/542869) and feature) and background)) or (20050027520.pn.))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	12-19-2008
(threshold or energy or power) and (((noise and 6483532.pn. and noise and ((detect\$5) near3 (speech	PGPB, USPT,	ADJ	YES	12-19-2008

or voice)) or (20030018475.pn.) or (10/542869) and feature) and background) or (20050027520.pn.))	USOC, EPAB, JPAB, DWPI, TDBD			
((threshold or energy or power) and (((noise and 6483532.pn. and noise and ((detect\$5) near3 (speech or voice)) or (20030018475.pn.) or (10/542869) and feature) and background) or (20050027520.pn.))) AND @pd>20081219	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	12-20-2008
((threshold or energy or power) and (((noise and 6483532.pn. and noise and ((detect\$5) near3 (speech or voice)) or (20030018475.pn.) or (10/542869) and feature) and background) or (20050027520.pn.)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	12-20-2008
(amplitude) and (((threshold or energy or power) and (((noise and 6483532.pn. and noise and ((detect\$5) near3 (speech or voice)) or (20030018475.pn.) or (10/542869) and feature) and background) or (20050027520.pn.))))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	12-20-2008
(near-end) and (((threshold or energy or power) and (((noise and 6483532.pn. and noise and ((detect\$5) near3 (speech or voice)) or (20030018475.pn.) or (10/542869) and feature) and background) or (20050027520.pn.))))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	12-20-2008
(analog or digit\$3) and (((threshold or energy or power) and (((noise and 6483532.pn. and noise and ((detect\$5) near3 (speech or voice)) or (20030018475.pn.) or (10/542869) and feature) and background) or (20050027520.pn.))))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	12-20-2008
(fourier or transform\$5) and (((threshold or energy or power) and (((noise and 6483532.pn. and noise and ((detect\$5) near3 (speech or voice)) or (20030018475.pn.) or (10/542869) and feature) and background) or (20050027520.pn.))))	PGPB, USPT, USOC, EPAB, JPAB, DWPI,	ADJ	YES	12-20-2008

TDBD				
(noise power near2 density) near4 (estimat\$6)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	12-20-2008
(subtract\$5 near3 noise) and ((noise power near2 density) near4 (estimat\$6))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	12-20-2008
abebe and ((subtract\$5 near3 noise) and (noise power near2 density) near4 (estimat\$6))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	12-20-2008
(abebe and ((subtract\$5 near3 noise) and (noise power near2 density) near4 (estimat\$6))) AND @pd>20081220	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	12-20-2008
((subtract\$5 near3 noise) and ((noise power near2 density) near4 (estimat\$6))) AND @pd>20081220	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	12-20-2008
((subtract\$5 near3 noise) and ((noise power near2 density) near4 (estimat\$6)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	12-20-2008
((speech or voice) near2 (recogni\$5)) and (((subtract\$5 near3 noise) and ((noise power near2 density) near4 (estimat\$6))))	PGPB, USPT, USOC,	ADJ	YES	12-20-2008

	EPAB, JPAB, DWPI, TDBD				
(inverse near2 transform\$6) and (((subtract\$5 near3 noise) and ((noise power near2 density) near4 (estimat\$6))))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-20-2008
(recogn\$5) and (((subtract\$5 near3 noise) and ((noise power near2 density) near4 (estimat\$6))))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-20-2008
(recogn\$5) and ((inverse near2 transform\$6) and ((subtract\$5 near3 noise) and ((noise power near2 density) near4 (estimat\$6))))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-20-2008
10/542869	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-20-2008
(10/542869) and phone\$5	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-20-2008
((10/542869 and phone\$5) or (20030118475.pn. or 6483532.pn.)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-20-2008

(phone or vis\$5) and ((10/542869 and phone\$5) or (20030118475.pn. or 6483532.pn.)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-20-2008
(phone\$4 or vis\$5) and ((10/542869 and phone\$5) or (20030118475.pn. or 6483532.pn.)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-20-2008
((10/542869 and phone\$5) or (20030018475.pn. or 6483532.pn.)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-20-2008
(phone\$4 or vis\$4) and ((10/542869 and phone\$5) or (20030018475.pn. or 6483532.pn.)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-20-2008
(20030118475.pn. or 6483532.pn.) and (lip or fac\$5)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-20-2008
(20030018475.pn. or 6483532.pn.) and (lip or fac\$5)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		12-20-2008
(5706394.pn.) or (10/542869)	PGPB, USPT	ADJ	YES		12-21-2008
((5706394.pn.) or (10/542869)) and (compar\$5 or correlat\$4 or amplitude)	PGPB, USPT	ADJ	YES		12-21-2008

((5706394.pn.) or (10/542869)) and (compar\$5 or correlat\$4 or amplitude)) and (filter\$4)	PGPB, USPT	ADJ	YES		12-21-2008
((5706394.pn.) or (10/542869)) and (compar\$5 or correlat\$4 or amplitude)) and (buffer\$4 or delay\$4)	PGPB, USPT	ADJ	YES		12-21-2008
(20030018475.pn.) and (visual near3 speech)	PGPB, USPT	ADJ	YES		12-21-2008
(adjust\$4 near4 frequency) and ((5706394.pn.) or (10/542869))	PGPB, USPT	ADJ	YES		12-21-2008
(add\$4 or sum\$4 or combin\$6) and ((20030018475.pn.) and (visual near3 speech))	PGPB, USPT	ADJ	YES		12-21-2008
(telephon\$4 or \$phone) and (20030018475.pn. or 6483532.pn.)	PGPB, USPT	ADJ	YES		12-21-2008
(communicati\$5) and (20030018475.pn. or 6483532.pn.)	PGPB, USPT	ADJ	YES		12-21-2008
(software or program or hardware)	PGPB, USPT	ADJ	YES		12-21-2008
((software or program or hardware) and ((5706394.pn.) or (10/542869)))	PGPB, USPT	ADJ	YES		12-21-2008
((5706394.pn.) or (10/542869)) and (compar\$5 or correlat\$4 or amplitude))	PGPB, USPT	ADJ	YES		12-21-2008
((5706394.pn.) or (10/542869)) and (compar\$5 or correlat\$4 or amplitude)) and (computer)	PGPB, USPT	ADJ	YES		12-21-2008
20030018475.pn. or 6483532.pn.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-15-2009
(noise or background) and (20030018475.pn. or 6483532.pn.)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-15-2009
(Girod adj2 Bernd).in.	PGPB, USPT, USOC, EPAB, JPAB, DWPI,	ADJ	YES		06-15-2009

	TDBD				
(noise) and ((Girod adj2 Bernd).in.)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-15-2009
20030018475.pn.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-15-2009
(Basu adj2 Sankar).in.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-15-2009
((remov\$4 or subtract\$4 or cancel\$6) near3 (noise)) and ((Basu adj2 Sankar).in.)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-15-2009
(voice activity) and (video camera)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-15-2009
((remov\$4 or subtract\$4 or cancel\$6) near3 (noise)) and ((voice activity) and (video camera))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		06-15-2009
20040133421.pn. and (image or video or camera)	PGPB, USPT, USOC,	ADJ	YES		06-15-2009

	EPAB, JPAB, DWPI, TDBD			
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